2881

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2881	036	11	18	75	27BD	3727	7533

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0008	16	16	23	045	Y	NW	10

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	CL	SA	E	FT	070	—	13	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00079	—	0024	00026

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			3H4	3H5			PO	DO
START	37°27'	75°33'	2433	3098	8		1253	1255
							PU	ON
FINISH	37°28'	75°32'	2458	3098	5		1325	1328

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1200/5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

00107 11 710

00104 724 10

R/V DAN MOORE SPECIES LIST

STA. NO. 2881 DATE Nov 18 1975 BIOLOGISTS DFH SGK JU

TOT. CATCH WT. 129 AIR 23 SURFACE 16.3 BOTTOM 16.0

SAMPLE WT. 110 RAISING FACTOR 0

F 79 C None S 24 O 26

SPECIES	C or NC	NUMBER	WEIGHT	TOT. WT. (pds)	$\bar{X}$ Wt	REMARKS
Paralichthys dentatus		24	31	31	1.29	
Peprilus triacanthus		1	trace	trace	trace	
Stenotomus caprinus		2	0.45	.4	0.2	
Paralichthys dentatus		2	21	21.0	10.5	
O Pamopsis herbstii		1	trace	trace	trace	
Raja eglanteria		6	13	13	2.17	
Mustelus canis		3	14	14	4.67	
O Limulus polyphemus		5	24	24	4.8	
~~Busycon carica~~		~~1/4~~	~~1/4~~	~~1/4~~ →	0.05	
O Loligo pealei	NC	26	1/2	1/2	0.25	
S Busycon carica		1	2 1/4	2 1/4	2.25	
O ~~tunicate shells~~			~~2~~	~~2~~		

ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2881

Date Nov 18 1975

Area of Release 9 miles E of Quinby Inlet, VA. 8fm

LORAN Start 3H4 2433 (37°27') 3H5 3098 (75°33')

Finish 3H4 2458. (37°28') 3H5 3098 (75°32')

Tot. Fish Captured 2

Tot. Fish Tagged 2

No. Retained for analysis 0

Gear Type Standard No. 41 Yankee

TAG. NO.	Weight Lbs.	Ozs.	F.L. (cm)	Species	Remarks
C 00103	11		710	P. saltatrix	
C 00104	10		724	P. saltatrix	

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Species: P. dentatus

Specimen Number	Life	Sex	Otoliths	Gonads	Fecundity	Back-calc.	Age	Gonad Stage	Station Number	Remarks
26	326	♀ ♂						I	2879	Area I
27	315	♂								
28	274	♂								
29	288	♂								
30	252	♂								
31	268	♂								
32	240	♀						I		
33	204	♂								
34	230	♀								
35	245	♂								
36	268	♀						I		
1	503	♀						VI	2881	Area I
2	555	♀						VI		
3	390	♀						II		
4	426	♀						IV		
5	395	♀						I		
6	377	♀						I		
7	421	♀						IV		5 ♂♂
8	410	♀						IV		19 ♀♀
9	466	♀						IV		
10	390	♂								
11	411	♀						III		
12	465	♀						VII		
13	415	♀						VI		
14	360	♂								
15	320	♂								
16	261	♀						I		
17	328	♂								
18	327	♂								
19	325	♀						I		
20	308	♀						I		
21	365	♀						I		
22	355	♀						I		
23	204	♀						I		
24	221	♀						I		
1	315	♀						I	~~2882~~ 2882	Area I
1	565	♀						~~VI~~	2883	Area I
2	343	♂								
3	445	♀						~~VI~~ VI		
4	452	♀						VI		
5	373	♂								
6	425	♀						VII ?		
7	414	♀						VI		
8	410	♀						VI		
9	463	♀						IV		
10	470	♀						~~VI~~ VI		

Length-frequency distribution

Species: P. dentatus

Station: 2881

Date: Nov 18 1975

Locality: Area E

T.L.	♂	♀	T.L.	Total
100-109			600-	
110-			610-	
120-			620-	
130-			630-	
140-			640-	
150-			650-	
160-			660-	
170-			670-	
180-			680-	
190-			690-	
200-		1 (1)	700-	(1)
210-			710-	
220-		1 (1)	720-	(1)
230-			730-	
240-			740-	
250-			750-	
260-		1 (1)		(1)
270-				
280-				
290-				
300-		1 (1)		(1)
310-				
320-	III (3)	1 (1)		(4)
330-				
340-				
350-		1 (1)		(1)
360-	1 (1)	1 (1)		(2)
370-		1 (1)		(1)
380-				
390-	1 (1)	II (2)		(4)
400-				
410-		III (3)		(3)
420-		II (2)		(2)
~~430~~ total	(5)			
440-				
450-				
460-		II (2)		(2)
470-				
480-				
490-				
500-		1 (1)		(1)
510-				
520-				
530-				
540-				
550-		1 (1)		
560-				
570-		total 19		24
580-				
590-				

RANGE ♂ 320 - 390

" ♀ 204 - 555

Sheet ___ of ___

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